

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/000751

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A61K 38/32**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61K 38/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NCBI protein blast program  
Pubmed

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6537551 B2 (DOO-SIK KIM) 25 March 2003 See the whole document.	1 - 5
A	SHIN et al., 'Solution Structure of a Novel Disintegrin, Salmosin, from Agkistrondon halys Venom', Biochemistry, 2003, Vol.42, pp.14408-14415 See the whole document	1 - 5
A	HONG et al., 'Snake venom disintegrin, saxatilin, inhibits platelet aggregation, human umbilical vein endothelial cell proliferation, and smooth muscle cell migration', Thrombosis Research, 2002, Vol.105, pp.79-86 See the whole document.	1 - 5
A	HONG et al., 'Structural and functional significance of disulfide of disulfide bonds in saxatilin, a 7.7 kDa disintegrin', Biochemical and Biophysical Research Communications, 2002, Vol.293, pp.530-536 See the whole document.	1 - 5
A	JEON et al., 'Molecular cloning and functional characterization of a snake venom metalloprotease', European Journal of Biochemistry, 1999, Vol.263, pp.526-533 See the whole document.	1 - 5

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

07 DECEMBER 2004 (07.12.2004)

Date of mailing of the international search report

**07 DECEMBER 2004 (07.12.2004)**

Name and mailing address of the ISA/KR



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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FUJISAWA et al., 'Halystatin, a Novel Disintegrin from Agkistodon halys, is a Potent Inhibitor of Bone Resorption and Platelet Aggregation', Journal of Takeda Research Laboratory, 1994, Vol.53, pp.39-56 See the whole document.	1 - 5

# INTERNATIONAL SEARCH REPORT

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## Box No. 1 Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of :

a. type of material

☒

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☒

in written format

☒

in computer readable form

c. time of filing/furnishing

☒

contained in the international application as filed

☒

filed together with the international application in computer readable form

☐

furnished subsequently to this Authority for the purposes of search

2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/000751

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6537551 B2	25.03.2003	US 20010023242 A1	20.09.2001
		KR 0005903 A	25.01.2000
		JP 2000095702 A2	04.04.2000
		EP 0967276 A3	18.04.2001
		EP 0967276 A2	29.12.1999
		CN 1239675 A	29.12.1999